



777  
FREIGHTER

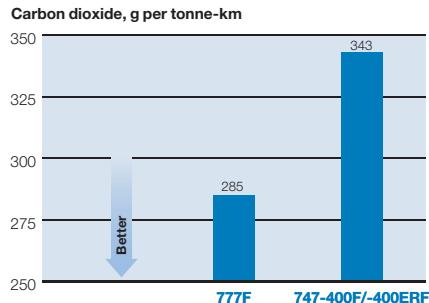
# 777 FREIGHTER: UNSURPASSED EFFICIENCY

The 777 Freighter is the world's largest, most capable twin-engine freighter. Based on the 777-200LR Worldliner, this newest 777 combines leading reliability with the lowest trip costs of any large freighter and tonne-kilometer costs nearly as low as those of the 747-8F. It also offers 747 main-deck cargo operators enhanced flexibility through a versatile, highly compatible large freighter the next size smaller.

The 777 Freighter extends to cargo markets the 777's advanced aerodynamics, structural and propulsion efficiency, state-of-the-art flight deck and systems, and other technology benefits. Operators of this robust, fuel-efficient freighter can transport 103-tonnes (113-tons) of revenue payload nearly 4,900 nmi nonstop. They can take real-world cargo densities in stride. And the 777 Freighter's wide fuselage cross-section and large cargo door allow them to interline 747 main-deck cargo pallets and 3-m (10-ft) high containers.

Aerodynamic, propulsion, and structural efficiency together keep the 777 Freighter's fuel consumption and emissions low. Like all 777 models, it performs better than the required emissions standards. The 777 family as a whole is certified to CAEP/2 standards, and the 777 Freighter, 777-200LR, and 777-300ER are CAEP/6 compliant. The 777 Freighter is also extremely quiet, meeting ICAO Chapter 4 noise standards for operations at noise-sensitive airports.

## ENVIRONMENTAL PERFORMANCE

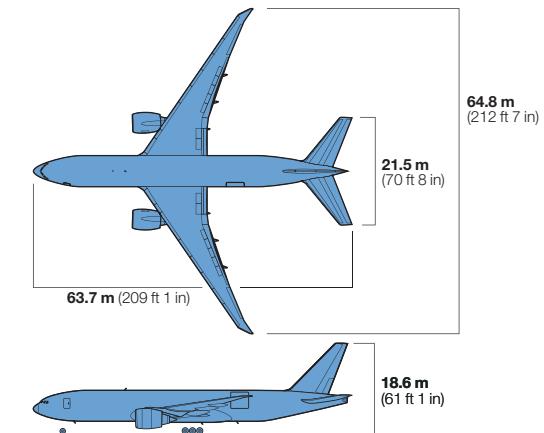


- 3,000-nmi (5,555-km) trip
- Typical mission rules
- Maximum revenue payload

## RANGE CAPABILITY



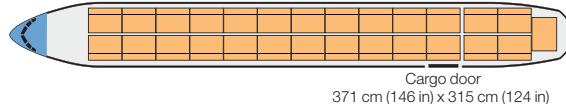
## DIMENSIONS



## INTERIOR ARRANGEMENTS

### Main Deck

- Twenty-seven 96- x 125-in pallets, including 22 3-m (10-ft) high units
- 518.2-m<sup>3</sup> (18,301-ft<sup>3</sup>) volume capacity



### Lower Hold

- Ten 96- x 125- x 64-in pallets
- 117.5-m<sup>3</sup> (4,150-ft<sup>3</sup>) volume capacity
- 17.0-m<sup>3</sup> (600-ft<sup>3</sup>) of bulk (excluded from total volume)



## CHARACTERISTICS

777 Freighter		
	Basic	Maximum
Maximum taxi weight	kg (lb)	341,100 (752,000)
Maximum takeoff weight	kg (lb)	340,190 (750,000)
Maximum landing weight	kg (lb)	260,810 (575,000)
Maximum zero fuel weight	kg (lb)	248,110 (547,000)
Fuel capacity	L (U.S. gal)	181,280 (47,890)
Fuel consumed <sup>[1]</sup>	Liters per tonne-100 km	11.2
Design range <sup>[2]</sup>	nmi	4,540
Maximum structural payload <sup>[3]</sup>	kg (lb)	107,860 (237,800)
Maximum revenue payload <sup>[4]</sup>	kg (lb)	102,870 (226,800)
Cargo volume, Main deck	m <sup>3</sup> (ft <sup>3</sup> )	518.2 (18,301)
Lower hold	m <sup>3</sup> (ft <sup>3</sup> )	117.5 (4,150)
Total	m <sup>3</sup> (ft <sup>3</sup> )	635.7 (22,451)

[1] 3,000-nmi (5,555-km) trip

[2] Range at maximum revenue payload

[3] Structural payload includes tare weight

[4] Structural payload less 4,990-kg (11,000-lb) tare weight allowance





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